

What Is Claimed Is:

1           1. A single sign-on system for a sign-on process to remotely  
2     operate an application program via a network, the single sign-on  
3     system comprising:

4           an application program server for saving the application  
5     program;

6           at least one client computer connected to the application  
7     program server via the network, each of which receives sign-on  
8     information, operating the application program by signing on to  
9     the application program server with the sign-on information, and  
10    sending the sign-on information after signing on to the  
11    application program server; and

12          a single sign-on server connected to the client computer,  
13    the single sign-on server for receiving and saving the sign-on  
14    information from the client computer, and sending the sign-on  
15    information to the client computer when the client computer  
16    signs on to the application program server.

1           2. The single sign-on system according to claim 1, wherein  
2     the client computer comprises:

3           an application program module for signing on to the  
4     application program server with the sign-on information and  
5     operating the application program; and

6           a single sign-on module for receiving the sign-on  
7     information from the single sign-on server, sending the sign-on  
8     information to the application program module, and sending the  
9     sign-on information to the single sign-on server computer when  
10    the application program module signs on to the application  
11    program server.

1 3. The single sign-on system according to claim 2, wherein  
2 the application program module further comprises a window-based  
3 interface.

1 4. The single sign-on system according to claim 1, wherein  
2 the sign-on information comprises a sign-on password.

1 5. The single sign-on system according to claim 1, wherein  
2 the sign-on information comprises a sign-on account.

1 6. The single sign-on system according to claim 1, wherein  
2 the network is a private network.

1 7. The single sign-on system according to claim 1, wherein  
2 the network is a local area network (LAN).

1 8. The single sign-on system according to claim 1, wherein  
2 the network is a wide area network (WAN).

1 9. A method of a single sign-on process on a client computer  
2 for remotely operating an application program via a network, the  
3 method comprising the steps of:

4 connecting and signing on to a single sign-on server to  
5 retrieve sign-on information from the single sign-on server;

6 connecting and signing on to an application program server  
7 with the sign-on information; and

8 updating the sign-on information saved in the single  
9 sign-on server by sending the sign-on information to the single  
10 sign-on server.

1           10. The method according to claim 9, further comprising a  
2   step of:

3           receiving new information, and signing on to the  
4   application program server with the new information as the  
5   sign-on information when failing to sign on to the application  
6   program server with the sign-on information.

1           11. The method according to claim 9, wherein the client  
2   computer further comprises a window-based interface.

1           12. The method according to claim 9, wherein the sign-on  
2   information comprises a sign-on password.

1           13. The method according to claim 1, wherein the sign-on  
2   information comprises a sign-on account.

1           14. The method according to claim 1, wherein the network  
2   is a private network.

1           15. The method according to claim 1, wherein the network  
2   is a local area network (LAN).

1           16. The method according to claim 1, wherein the network  
2   is a wide area network (WAN).